Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L22	5965	(711/153-154,147,165,170).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 14:11
L23	92	L22 and relax\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 14:11
L24	80	L23 and (cost reward performance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 14:11
L25	29	L24 and node	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 14:11
L26	9	("4528624" "4542458" "4607346" "4703422" "5193171" "5345584" "6009514").PN. OR ("6321317").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/02 14:11
L27	51	L24 not L25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 14:11
L28	6479	(707/10 709/214 345/541 700/5). ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 14:11

"5493504" "6287765" "5761501" "6240188" "5265832" "5384697" "5444851" "5463735" "5511188" "5522044" "5550980" "5598566" "5884072" "6115713" "6865562" "6912515" "5806065" "4937760" "5988487" "6253193" "6363488" "6389402" "6427140" "4974224" "5701482" "5799306" "6338092" "6021118" "6470344" "5966126" "636962" "6868342" "5802578" "6041376" "6044438" "6092155" "6122674" "6122659" "6247091" "6343346" "6178548" "6226786" "62574749" "5907685"),pn. ("5760780" "6069894" "5504887" "5978484" "6035303" "6131150" "6438672" "6091858" "5586241" "5844794" "5864864" "5896289" "5949673" "6088456" "6226607" "6226607" "526082" "5757795" "5307465" "6438777" "5481687" "5950191" "6058205" "6081624" "59097725" "6442561" "5937183" "4075689" "4517640" "4912619" "5434794" "5542024" "6023492" "6076083" "6101550" "6154736" "6269386" "6304260" "6327631" "6336108" "6345265" "6408290" "6532467"),pn.	
"5444851" "5463735" "5511188"	
"5552044" "5550980" "5598566" "5884072" "6115713" "6865562" "6912515" "5806065" "4937760" "5988847" "6253193" "6363488" "6389402" "6427140" "4974224" "5701482" "5799306" "6338092" "6021118" "6470344" "5966126" "6326962" "6868342" "5802578" "6041376" "6044438" "6092155" "6122674" "6122659" "6247091" "6343346" "6178548" "6226786" "6226786" "5768319" "5924096" "6574749" "5997685"),pn. ("5760780" "6069894" "55504887" "5978484" "6091858" "5586241" "5844794" "5864864" "5586289" "5949673" "6088456" "6226607" "6226607" "5226082" "5757795" "5307465" "554087" "5719864" "5920900" "5923276" "5926004" "5950191" "6058205" "6081624" "6097725" "6442561" "5937183" "4075689" "4517640" "4912619" "5434794" "5542021" "6023492" "6076083" "6101550" "6154736" "6229386" "6304260" "6327631" "6336108" "6345265" "6408290"	
"5884072" "6115713" "6865562" "6912515" "5806065" "4937760" "5988847" "6253193" "6363488" "6389402" "6427140" "4974224" "5701482" "5799306" "6338092" "6021118" "6470344" "5966126" "6326962" "6868342" "5802578" "6041376" "6044438" "6092155" "6122674" "6122659" "6247091" "6343346" "6178548" "6226786" "6226786" "5768119" "5924096" "6574749" "5907685"),pn. ("5760780" "6069894" "5504887" "5978484" "6035303" "6131150" "6438672" "6091858" "5586241" "5844794" "5864864" "5896289" "5949673" "6088456" "6226607" "6226607" "5226082" "5757795" "5307465" "5463777" "5481687" "5574910" "5634087" "5719864" "5950191" "6058205" "6081624" "6097725" "6442561" "5937183" "4075689" "4517640" "4912619" "5434794" "5542024" "6023492" "6076083" "6101550" "6154736" "6269386" "6304260" "6327631" "636108" "6345265" "6408290"	
"6912515" "5806065" "4937760" "5988847" "6253193" "6363488" "6389402" "6427140" "4974224" "5701482" "5799306" "6338092" "6021118" "6470344" "5966126" "6326962" "6868342" "5802578" "6041376" "6044438" "6092155" "6122674" "6122659" "6247091" "6343346" "6178548" "6226786" "6226786" "5768319" "5924096" "6574749" "5907685").pn. ("5760780" "6069894" "5504887" "5978484" "6035303" "6131150" "6438672" "6091858" "5586241" "5844794" "5864864" "5896289" "5949673" "6088456" "6226607" "6226607" "5226082" "5757795" "5307465" "5463777" "5481687" "5574910" "5634087" "5719864" "5920900" "592376" "5926804" "59509191" "6058205" "6081624" "6097725" "6442561" "5937183" "4075689" "4517640" "4912619" "5434794" "5542024" "6023492" "6076083" "6101550" "6154736" "6269386" "6304260" "6327631" "6336108" "6345265" "6408290"	
"5988847" "6253193" "6363488" "6389402" "6427140" "4974224" "5701482" "5799306" "6338092" "6021118" "6470344" "5966126" "6326962" "6868342" "5802578" "6041376" "6044438" "6092155" "6122674" "6122659" "6247091" "6343346" "6178548" "6226786" "6226786" "5768319" "5924096" "6574749" "5907685").pn. ("5760780" "6069894" "5504887" "5978484" "6035303" "6131150" "6438672" "6091858" "5586241" "5844794" "5864864" "5896289" "5949673" "6088456" "6226607" "6226607" "5226082" "5757795" "5307465" "5463777" "5481687" "55929900" "5923276" "5926804" "599000" "5923276" "5926804" "5950191" "6058205" "6081624" "6097725" "6442561" "5937183" "4075689" "4517640" "4912619" "5434794" "5542024" "6023492" "6076083" "6101550" "6154736" "6269386" "6304260" "6327631" "6336108" "6345265" "6408290"	
"6389402" "6427140" "4974224" "5701482" "5799306" "6338092" "6021118" "6470344" "5966126" "6326962" "6868342" "5802578" "6041376" "6044438" "6092155" "6122674" "6122659" "6247091" "6343346" "6178548" "6226786" "6226786" "5768319" "5924096" "6574749" "5907685").pn. ("5760780" "6069894" "5504887" "5978484" "6035303" "6131150" "6438672" "6091858" "5586241" "5844794" "5864864" "5896289" "5949673" "6088456" "6226607" "6226607" "5226082" "5757795" "5307465" "5463777" "5481687" "5574910" "5634087" "5719864" "5920900" "5923276" "5926804" "5950191" "6058205" "6081624" "6097725" "6442561" "5937183" "4075689" "4517640" "4912619" "5434794" "5542024" "6023492" "6076083" "6101550" "6154736" "6269386" "6304260" "6327631" "6336108" "6345265" "6408290"	
"5701482" "5799306" "6338092" "6021118" "6470344" "5966126" "6326962" "6868342" "5802578" "6041376" "6044438" "6092155" "6122674" "6122659" "6247091" "6343346" "6178548" "6226786" "6226786" "5768319" "5924096" "6574749" "5907685").pn. ("5760780" "6069894" "5504887" "5978484" "6035303" "6131150" "6438672" "6091858" "5586241" "5844794" "5864864" "5896289" "5949673" "6084856" "6226607" "6226607" "5226082" "5757795" "5307465" "5463777" "5481687" "5574910" "5634087" "5719864" "5920900" "5923276" "5926804" "5950191" "6058205" "6081624" "6097725" "6442561" "5937183" "4075689" "4517640" "4912619" "5434794" "5542024" "6023492" "6076083" "6101550" "6154736" "6269386" "6304260" "6327631" "6336108" "6345265" "6408290"	
"6021118" "6470344" "5966126" "6326962" "6868342" "5802578" "6041376" "6044438" "6092155" "6122674" "6122659" "6247091" "6343346" "6178548" "6226786" "6226786" "5768319" "5924096" "6574749" "5907685"),pn. ("5760780" "6069894" "5504887" "5978484" "6035303" "6131150" "6438672" "6091858" "5586241" "5844794" "5864864" "5896289" "5949673" "6088456" "6226607" "6226607" "5226082" "5757795" "5307465" "5463777" "5481687" "5574910" "5634087" "5719864" "5920900" "5923276" "5926804" "5950191" "6058205" "6081624" "6097725" "6442561" "5937183" "4075689" "4517640" "4912619" "5434794" "5542024" "6023492" "6076083" "6101550" "6154736" "6269386" "6304260" "6327631" "6336108" "6345265" "6408290"	
"6326962" "6868342" "5802578" "6041376" "6044438" "6092155" "6122674" "6122659" "6247091" "6343346" "6178548" "6226786" "6226786" "5768319" "5924096" "6574749" "5907685"),pn. ("5760780" "6069894" "5504887" "5978484" "6035303" "6131150" "6438672" "6091858" "5586241" "5844794" "5864864" "5896289" "5949673" "6088456" "6226607" "6226607" "5226082" "5757795" "5307465" "5463777" "5481687" "5574910" "5534087" "5719864" "5920900" "5923276" "5926804" "5950191" "6058205" "6081624" "6097725" "6442561" "5937183" "4075689" "4517640" "4912619" "5434794" "5542024" "6023492" "6076083" "6101550" "6154736" "6269386" "6304260" "6327631" "6336108" "6345265" "6408290"	
"6041376" "6044438" "6092155" "6122674" "6122659" "6247091" "6343346" "6178548" "6226786" "6226786" "5768319" "5924096" "6574749" "5907685").pn. ("5760780" "6069894" "5504887" "5978484" "6035303" "6131150" "6438672" "6091858" "5586241" "5844794" "5864864" "5896289" "5949673" "6088456" "6226607" "6226607" "5226082" "5757795" "5307465" "5463777" "5481687" "5574910" "5634087" "5719864" "5920900" "5923276" "5926804" "5950191" "6058205" "6081624" "6097725" "6442561" "5937183" "4075689" "4517640" "4912619" "5434794" "5542024" "6023492" "6076083" "6101550" "6154736" "6269386" "6304260" "6327631" "6336108" "6345265" "6408290"	
"6122674" "6122659" "6247091" "6343346" "6178548" "6226786" "6226786" "5768319" "5924096" "6574749" "5907685").pn. ("5760780" "6069894" "5504887" "5978484" "6035303" "6131150" "6438672" "6091858" "5586241" "5844794" "5864864" "5896289" "5949673" "6088456" "6226607" "6226607" "5226082" "5757795" "5307465" "5463777" "5481687" "5574910" "5634087" "5719864" "5920900" "5923276" "5926804" "5950191" "6058205" "6081624" "6097725" "6442561" "5937183" "4075689" "4517640" "4912619" "5434794" "5542024" "6023492" "6076083" "6101550" "6154736" "6269386" "6304260" "6327631" "6336108" "6345265" "6408290"	
"6343346" "6178548" "6226786" "6226786" "5768319" "5924096" "6574749" "5907685").pn. ("5760780" "6069894" "5504887" "5978484" "6035303" "6131150" "6438672" "6091858" "5586241" "5844794" "5864864" "5896289" "5949673" "6088456" "6226607" "6226607" "5226082" "5757795" "5307465" "5463777" "5481687" "5574910" "5634087" "5719864" "5920900" "5923276" "5926804" "5950191" "6058205" "6081624" "6097725" "6442561" "5937183" "4075689" "4517640" "4912619" "5434794" "5542024" "6023492" "6076083" "6101550" "6154736" "6269386" "6304260" "6327631" "6336108" "6345265" "6408290"	
"6226786" "5768319" "5924096" "6574749" "5907685").pn. ("5760780" "6069894" "5504887" "5978484" "6035303" "6131150" "6438672" "6091858" "5586241" "5844794" "5864864" "5896289" "5949673" "6088456" "6226607" "6226607" "5226082" "5757795" "5307465" "5463777" "5481687" "5574910" "5634087" "5719864" "5920900" "5923276" "5926804" "5950191" "6058205" "6081624" "6097725" "6442561" "5937183" "4075689" "4517640" "4912619" "5434794" "5542024" "6023492" "6076083" "6101550" "6154736" "6269386" "6304260" "6327631" "6336108" "6345265" "6408290"	
"6226786" "5768319" "5924096" "6574749" "5907685").pn. ("5760780" "6069894" "5504887" "5978484" "6035303" "6131150" "6438672" "6091858" "5586241" "5844794" "5864864" "5896289" "5949673" "6088456" "6226607" "6226607" "5226082" "5757795" "5307465" "5463777" "5481687" "5574910" "5634087" "5719864" "5920900" "5923276" "5926804" "5950191" "6058205" "6081624" "6097725" "6442561" "5937183" "4075689" "4517640" "4912619" "5434794" "5542024" "6023492" "6076083" "6101550" "6154736" "6269386" "6304260" "6327631" "6336108" "6345265" "6408290"	
"6574749" "5907685").pn. ("5760780" "6069894" "5504887" "5978484" "6035303" "6131150" "6438672" "6091858" "5586241" "5844794" "5864864" "5896289" "5949673" "6088456" "6226607" "6226607" "5226082" "5757795" "5307465" "5463777" "5481687" "5574910" "5634087" "5719864" "5920900" "5923276" "5926804" "5950191" "6058205" "6081624" "6097725" "6442561" "5937183" "4075689" "4517640" "4912619" "5434794" "5542024" "6023492" "6076083" "6101550" "6154736" "6269386" "6304260" "6327631" "6336108" "6345265" "6408290"	
("5760780" "6069894" "5504887" "5978484" "6035303" "6131150" "6438672" "6091858" "5586241" "5844794" "5864864" "5896289" "5949673" "6088456" "6226607" "6226607" "5226082" "5757795" "5307465" "5463777" "5481687" "5574910" "5634087" "5719864" "5920900" "5923276" "5926804" "5950191" "6058205" "6081624" "6097725" "6442561" "5937183" "4075689" "4517640" "4912619" "5434794" "5542024" "6023492" "6076083" "6101550" "6154736" "6269386" "6304260" "6327631" "6336108" "6345265" "6408290"	
"5978484" "6035303" "6131150" "6438672" "6091858" "5586241" "5844794" "5864864" "5896289" "5949673" "6088456" "6226607" "6226607" "5226082" "5757795" "5307465" "5463777" "5481687" "5574910" "5634087" "5719864" "5920900" "5923276" "5926804" "5950191" "6058205" "6081624" "6097725" "6442561" "5937183" "4075689" "4517640" "4912619" "5434794" "5542024" "6023492" "6076083" "6101550" "6154736" "6269386" "6304260" "6327631" "6336108" "6345265" "6408290"	
"6438672" "6091858" "5586241" "5844794" "5864864" "5896289" "5949673" "6088456" "6226607" "6226607" "5226082" "5757795" "5307465" "5463777" "5481687" "5574910" "5634087" "5719864" "5920900" "5923276" "5926804" "5950191" "6058205" "6081624" "6097725" "6442561" "5937183" "4075689" "4517640" "4912619" "5434794" "5542024" "6023492" "6076083" "6101550" "6154736" "6269386" "6304260" "6327631" "6336108" "6345265" "6408290"	
"5844794" "5864864" "5896289" "5949673" "6088456" "6226607" "6226607" "5226082" "5757795" "5307465" "5463777" "5481687" "5574910" "5634087" "5719864" "5920900" "5923276" "5926804" "5950191" "6058205" "6081624" "6097725" "6442561" "5937183" "4075689" "4517640" "4912619" "5434794" "5542024" "6023492" "6076083" "6101550" "6154736" "6269386" "6304260" "6327631" "6336108" "6345265" "6408290"	
"5949673" "6088456" "6226607" "6226607" "5226082" "5757795" "5307465" "5463777" "5481687" "5574910" "5634087" "5719864" "5920900" "5923276" "5926804" "5950191" "6058205" "6081624" "6097725" "6442561" "5937183" "4075689" "4517640" "4912619" "5434794" "5542024" "6023492" "6076083" "6101550" "6154736" "6269386" "6304260" "6327631" "6336108" "6345265" "6408290"	
"6226607" "5226082" "5757795" "5307465" "5463777" "5481687" "5574910" "5634087" "5719864" "5920900" "5923276" "5926804" "5950191" "6058205" "6081624" "6097725" "6442561" "5937183" "4075689" "4517640" "4912619" "5434794" "5542024" "6023492" "6076083" "6101550" "6154736" "6269386" "6304260" "6327631" "6336108" "6345265" "6408290"	
"5307465" "5463777" "5481687" "5574910" "5634087" "5719864" "5920900" "5923276" "5926804" "5950191" "6058205" "6081624" "6097725" "6442561" "5937183" "4075689" "4517640" "4912619" "5434794" "5542024" "6023492" "6076083" "6101550" "6154736" "6269386" "6304260" "6327631" "6336108" "6345265" "6408290"	
"5574910" "5634087" "5719864" "5920900" "5923276" "5926804" "5950191" "6058205" "6081624" "6097725" "6442561" "5937183" "4075689" "4517640" "4912619" "5434794" "5542024" "6023492" "6076083" "6101550" "6154736" "6269386" "6304260" "6327631" "6336108" "6345265" "6408290"	
"5920900" "5923276" "5926804" "5950191" "6058205" "6081624" "6097725" "6442561" "5937183" "4075689" "4517640" "4912619" "5434794" "5542024" "6023492" "6076083" "6101550" "6154736" "6269386" "6304260" "6327631" "6336108" "6345265" "6408290"	
"5950191" "6058205" "6081624" "6097725" "6442561" "5937183" "4075689" "4517640" "4912619" "5434794" "5542024" "6023492" "6076083" "6101550" "6154736" "6269386" "6304260" "6327631" "6336108" "6345265" "6408290"	
"6097725" "6442561" "5937183" "4075689" "4517640" "4912619" "5434794" "5542024" "6023492" "6076083" "6101550" "6154736" "6269386" "6304260" "6327631" "6336108" "6345265" "6408290"	
"4075689" "4517640" "4912619" "5434794" "5542024" "6023492" "6076083" "6101550" "6154736" "6269386" "6304260" "6327631" "6336108" "6345265" "6408290"	
"5434794" "5542024" "6023492" "6076083" "6101550" "6154736" "6269386" "6304260" "6327631" "6336108" "6345265" "6408290"	
"6076083" "6101550" "6154736" "6269386" "6304260" "6327631" "6336108" "6345265" "6408290"	
"6269386" "6304260" "6327631" "6336108" "6345265" "6408290"	
"6336108" "6345265" "6408290"	
0332407).pn.	
	6/02 14:11
USPAT;	
USOCR;	
EPO; JPO;	
DERWENT;	
IBM_TDB	
L31 6551 L26 L27 L28 L30 US-PGPUB; OR ON 2006/0	6/02 14:17
	J/UZ 17.1/
USPAT;	
USOCR;	
EPO; JPO;	
DERWENT;	
IBM_TDB	
L32 635 l31 and @pd>"20051201" US-PGPUB; OR ON 2006/0	6/02 14.10
USPAT;	0/02 14:10
USOCR;	0/02 14:10
EPO; JPO;	U/UZ 14:10
	U/UZ 1 1 :10
DERWENT;	U/UZ 14:10

6/2/2006 3:28:44 PM C:\Documents and Settings\jgolden\My Documents\EAST\Workspaces\10698263.wsp Page 2

L33	3	l31 and @pd>"20051201" not l28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 14:19
L34	27	l32 and heuristic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 14:20
L35	7	l32 and heuristic and binary	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 14:20
L36	399	l32 and @ad<"20031030"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 14:21
L37	19	l34 and @ad<"20031030"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 14:21
L38	4	l35 and @ad<"20031030"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 14:23
L39	224	(karlsson karamanolis).in. and @pd>"20051201"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 14:24
L40	5	(karlsson adj magnus karamanolis adj christos).in. and @pd>"20051201"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 14:26

6/2/2006 3:28:44 PM C:\Documents and Settings\jgolden\My Documents\EAST\Workspaces\10698263.wsp Page 3

L41	1	(karlsson adj magnus karamanolis adj christos).in. and @pd>"20051201" and heuristic and binary	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 14:41
L42	2	"20050097284"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 14:41

Page 4



Welcome United States Patent and Trademark Office

□ Search Session History

BROWSE SEARCH

IEEE XPLORE GUIDE

SUPPORT

Edit an existing query or compose a new query in the Search Query Display.

Select a search number (#)

- Add a query to the Search Query Display
- Combine search queries using AND, OR, or NOT
- Delete a search
- Run a search

Fri, 2 Jun 2006, 2:34:34 PM EST

Search Query Display

Recent Search Queries

Results

#1 ((relaxation <and> (round <or> rounding) <and> (network <near/1> topology))<in>metadata)

1

#2 ((relaxation <and> (round <or> rounding) <and> (network <near/1> topology))<in>pdfdata)

129

indexed by inspec*

Help Contact Us Privacy & Security IEEE.org

© Copyright 2006 IEEE – All Rights Reserved

Search: The ACM Digital Library C The Guide

+relaxation +network round rounding

SEARCH



Feedback Report a problem Satisfaction survey

Terms used relaxation network round rounding

Found 6,237 of 6,237

Sort results by Display

results

relevance expanded form

Save results to a Binder Search Tips

Open results in a new

Try an Advanced Search Try this search in The ACM Guide

window

Results 1 - 20 of 200

Result page: 1 2 3 4 5 6 7 8 9 10

next

Relevance scale

Best 200 shown

1 Design of logical topologies: a linear formulation for wavelength-routed optical networks with no wavelength changers

Rajesh M. Krishnaswamy, Kumar N. Sivarajan

April 2001 IEEE/ACM Transactions on Networking (TON), Volume 9 Issue 2

Publisher: IEEE Press

Full text available: 📆 pdf(257.34 KB) Additional Information: full citation, references, citings, index terms

Keywords: all-optical networks, linear program, network planning, topology design

2 Routing and wavelength assignment in optical networks

Asuman E. Ozdaglar, Dimitri P. Bertsekas

April 2003 IEEE/ACM Transactions on Networking (TON), Volume 11 Issue 2

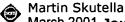
Publisher: IEEE Press

Full text available: Topdf(507.86 KB) Additional Information: full citation, abstract, references, index terms

The problem of routing and wavelength assignment (RWA) is critically important for increasing the efficiency of wavelength-routed all-optical networks. Given the physical network structure and the required connections, the RWA problem is to select a suitable path and wavelength among the many possible choices for each connection so that no two paths sharing a link are assigned the same wavelength. In work to date, this problem has been formulated as a difficult integer programming problem that d ...

Keywords: exact penalty functions, lightpath, linear programming, routing, wavelength assignment

3 Convex quadratic and semidefinite programming relaxations in scheduling



March 2001 Journal of the ACM (JACM), Volume 48 Issue 2

Publisher: ACM Press

Additional Information: full citation, abstract, references, citings, index Full text available: pdf(374.96 KB) terms

We consider the problem of scheduling unrelated parallel machines subject to release dates so as to minimize the total weighted completion time of jobs. The main contribution of this paper is a provably good convex quadratic programming relaxation of strongly polynomial size for this problem. The best previously known approximation algorithms are based on LP relaxations in time- or interval-indexed variables. Those LP relaxations, however, suffer from a huge number of variables. As a result ...

Keywords: approximation algorithms, convex optimization, performance guarantee,



Subscribe (Full Service) Register (Limited Service, Free) Login

+relaxation +network +topology round rounding

Search: • The ACM Digital Library C The Guide

51≢ARCH

USPTO

000

Feedback Report a problem Satisfaction survey

Terms used relaxation network round rounding

Found 6,237 of 177,263

Sort results by

Best 200 shown

Display

results

relevance expanded form

Save results to a Binder ? Search Tips

Try an Advanced Search Try this search in The ACM Guide

Copen results in a new window

Results 1 - 20 of 200

Result page: 1 2 3 4 5 6 7 8 9 10

next

Relevance scale 🔲 📟 📟 📰

1 Design of logical topologies: a linear formulation for wavelength-routed optical

networks with no wavelength changers

Rajesh M. Krishnaswamy, Kumar N. Sivarajan

April 2001 IEEE/ACM Transactions on Networking (TON), Volume 9 Issue 2

Publisher: IEEE Press

Full text available: 🔂 pdf(257.34 KB) Additional Information: full citation, references, citings, index terms

Keywords: all-optical networks, linear program, network planning, topology design

2 Routing and wavelength assignment in optical networks

Asuman E. Ozdaglar, Dimitri P. Bertsekas

April 2003 IEEE/ACM Transactions on Networking (TON), Volume 11 Issue 2

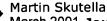
Publisher: IEEE Press

Full text available: pdf(507.86 KB) Additional Information: full citation, abstract, references, index terms

The problem of routing and wavelength assignment (RWA) is critically important for increasing the efficiency of wavelength-routed all-optical networks. Given the physical network structure and the required connections, the RWA problem is to select a suitable path and wavelength among the many possible choices for each connection so that no two paths sharing a link are assigned the same wavelength. In work to date, this problem has been formulated as a difficult integer programming problem that d ...

Keywords: exact penalty functions, lightpath, linear programming, routing, wavelength assignment

Convex quadratic and semidefinite programming relaxations in scheduling



March 2001 Journal of the ACM (JACM), Volume 48 Issue 2

Publisher: ACM Press

Additional Information: full citation, abstract, references, citings, index Full text available: pdf(374.96 KB) terms

We consider the problem of scheduling unrelated parallel machines subject to release dates so as to minimize the total weighted completion time of jobs. The main contribution of this paper is a provably good convex quadratic programming relaxation of strongly polynomial size for this problem. The best previously known approximation algorithms are based on LP relaxations in time- or interval-indexed variables. Those LP relaxations, however, suffer from a huge number of variables. As a result ...

Keywords: approximation algorithms, convex optimization, performance guarantee,